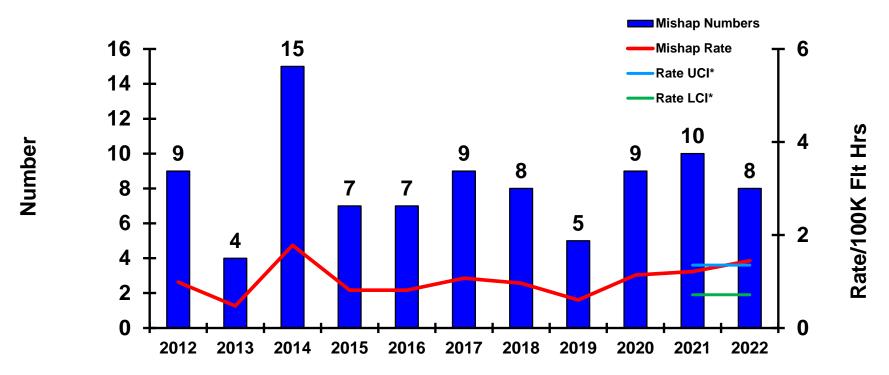


CLASS A FLIGHT MISHAPS

Manned Aircraft Only

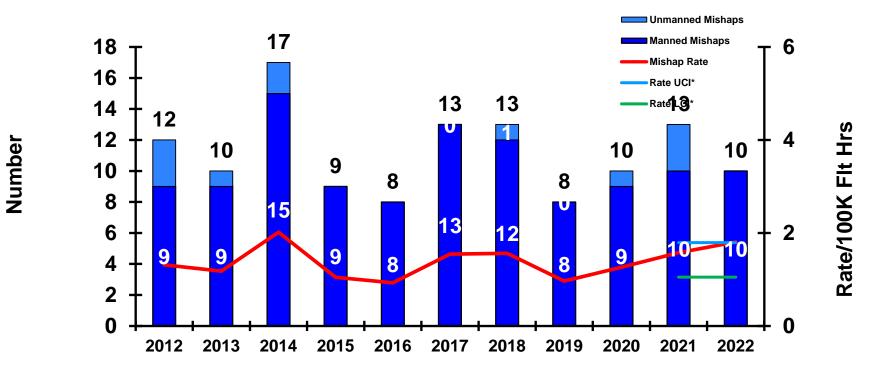


8-Jun-22 8-Jun-21
CLASS A MISHAPS/MISHAP RATE FY COMPARISON: 8/1.45 5/0.90

FY21 MISHAPS/MISHAP RATE: 10/1.21 10-YEAR AVERAGE (FY11-20) MISHAPS/MISHAP RATE: 8.30/0.98



CLASS A AVIATION MISHAPS



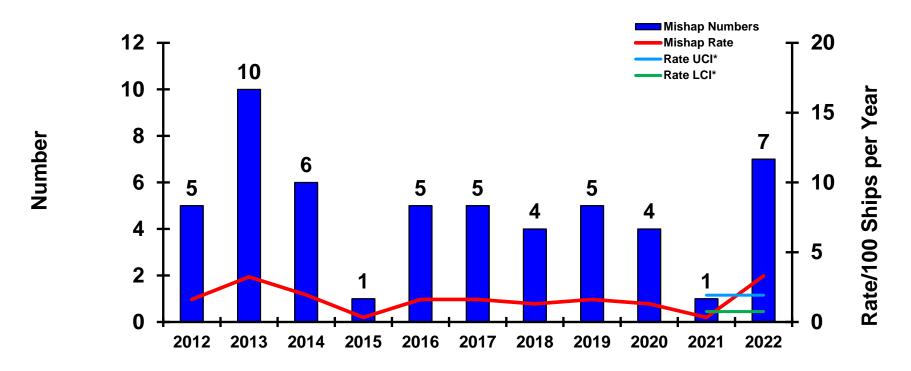
CLASS A MISHAPS/MISHAP RATE FY COMPARISON: 10/1.81 8/1.45

FY21 MISHAPS/MISHAP RATE: 13/1.58

10-YEAR AVERAGE (FY11-20) MISHAPS/MISHAP RATE: 11.30/1.34



CLASS A AFLOAT MISHAPS



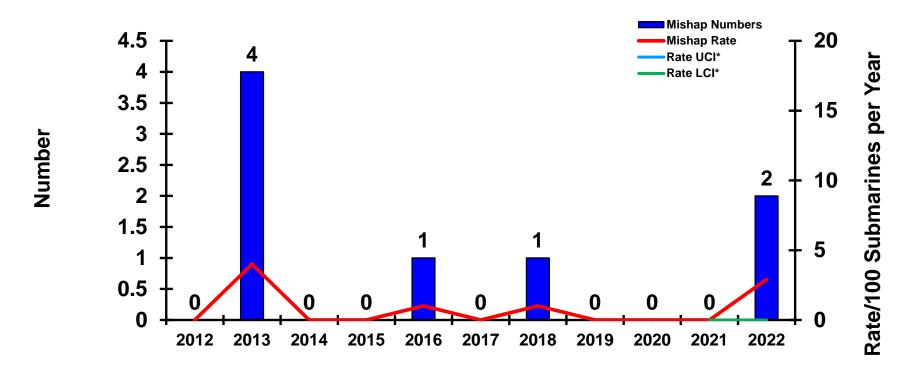
CLASS A MISHAPS/MISHAP RATE FY COMPARISON: 7/3.29 1/0.47

FY21 MISHAPS/MISHAP RATE: 1/0.32

10-YEAR AVERAGE (FY11-20) MISHAPS/MISHAP RATE: 4.60/1.49



CLASS A SUBMARINE MISHAPS



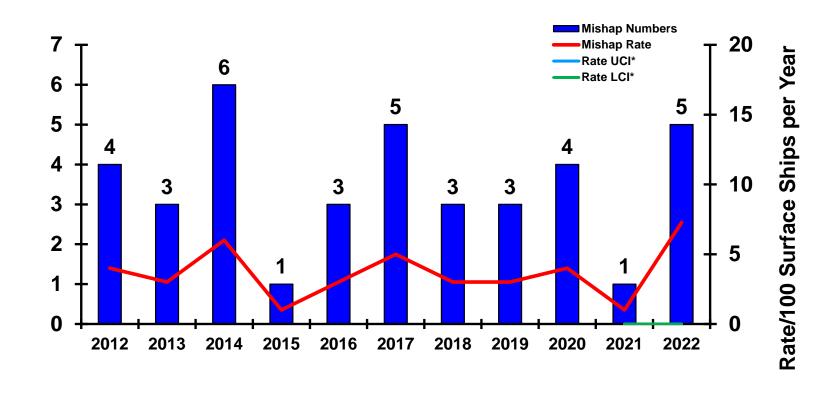
CLASS A MISHAPS/MISHAP RATE FY COMPARISON: 2/2.91 0/0.00

FY21 MISHAPS/MISHAP RATE: 0/0.00 10-YEAR AVERAGE (FY11-20) MISHAPS/MISHAP RATE: 0.60/0.60



Number

CLASS A SURFACE SHIP MISHAPS



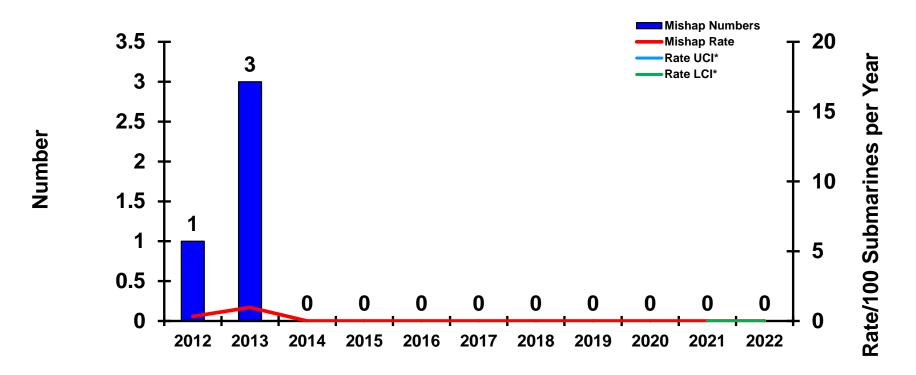
CLASS A MISHAPS/MISHAP RATE FY COMPARISON: 5/7.27 1/1.00

FY21 MISHAPS/MISHAP RATE: 1/1.00

10-YEAR AVERAGE (FY11-20) MISHAPS/MISHAP RATE: 3.30/3.30



CLASS A DIVING MISHAPS

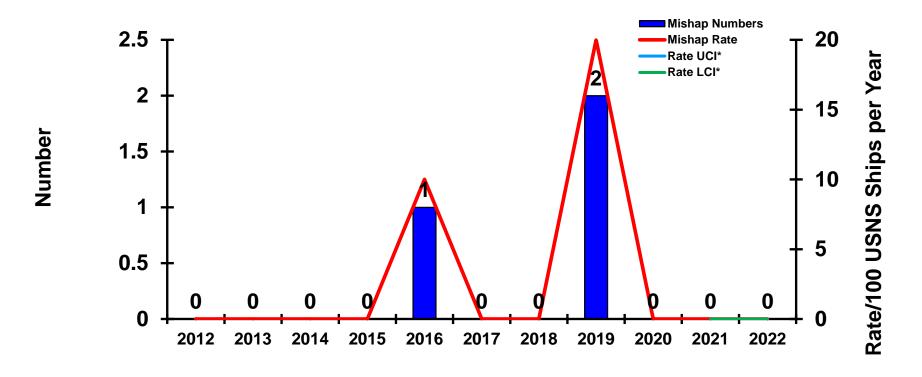


8-Jun-22 8-Jun-21 CLASS A MISHAPS/MISHAP RATE FY COMPARISON: 0/0.00 0/0.00

FY21 MISHAPS/MISHAP RATE: 0/0.00 10-YEAR AVERAGE (FY11-20) MISHAPS/MISHAP RATE: 0.40/0.13



CLASS A MSC AFLOAT MISHAPS



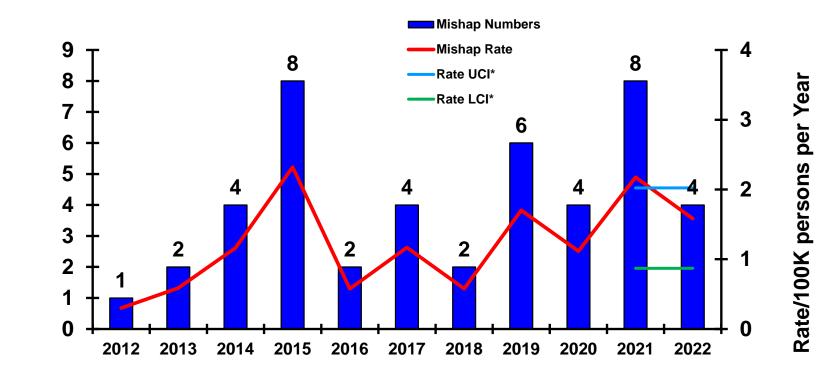
8-Jun-22 8-Jun-21 CLASS A MISHAPS/MISHAP RATE FY COMPARISON: 0/0.00 0/0.00

FY21 MISHAPS/MISHAP RATE: 0/0.00 10-YEAR AVERAGE (FY11-20) MISHAPS/MISHAP RATE: 0.30/3.00



Number

CLASS A SHORE ON-DUTY MISHAPS



CLASS A MISHAPS/MISHAP RATE FY COMPARISON:

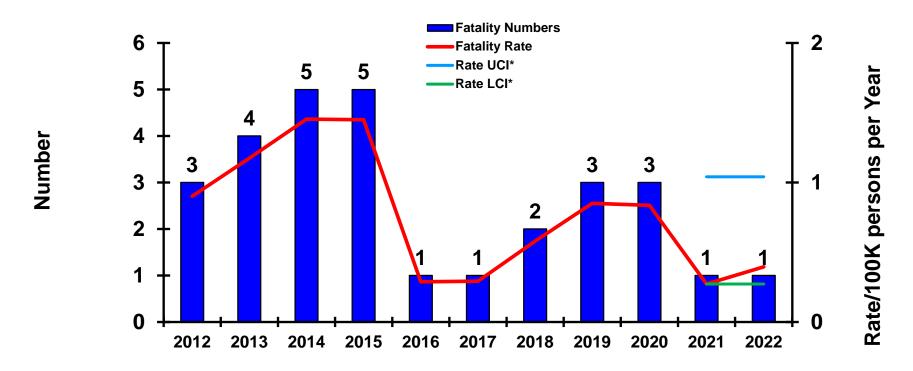
FY21 MISHAPS/MISHAP RATE:

10-YEAR AVERAGE (FY11-20) MISHAPS/MISHAP RATE:

4.10/1.17



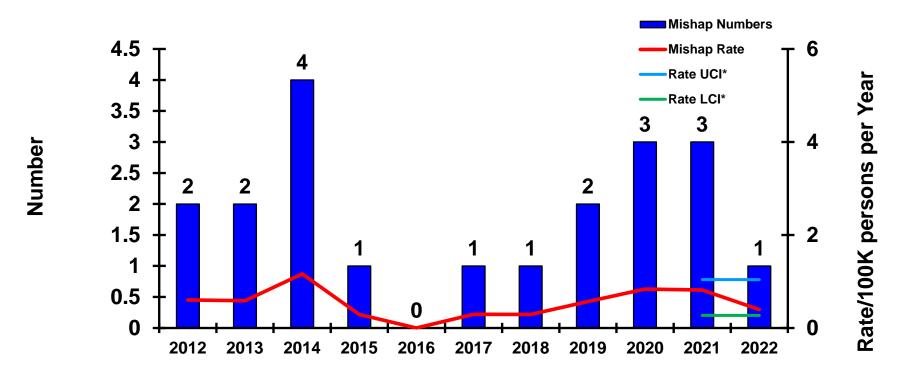
PHYSICAL TRAINING FATALITIES



FATALITIES/FATALITY RATE FY COMPARISON: 1/0.40 1/0.39
FY21 FATALITIES/FATALITY RATE: 1/0.27
10-YEAR AVERAGE (FY11-20) FATALITIES/FATALITY RATE: 2.80/0.81



CLASS A ON-DUTY MV MISHAPS

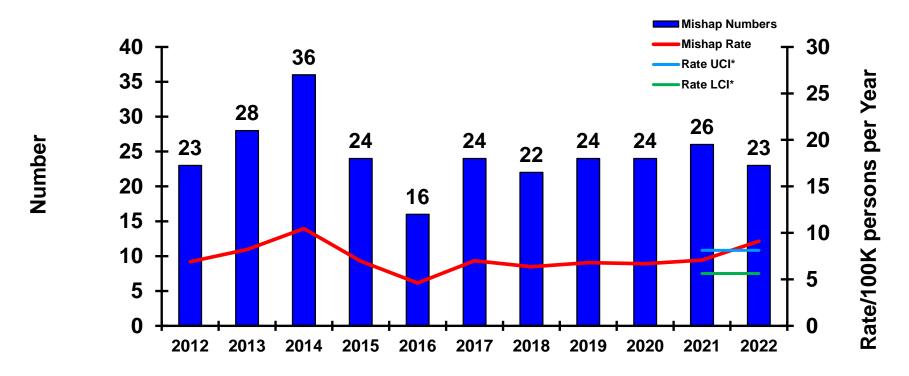


CLASS A MISHAPS/MISHAP RATE FY COMPARISON: 1/0.40 3/1.18
FY21 MISHAPS/MISHAP RATE: 3/0.82

10-YEAR AVERAGE (FY11-20) MISHAPS/MISHAP RATE: 1.90/0.54



TOTAL CLASS A ON-DUTY MISHAPS



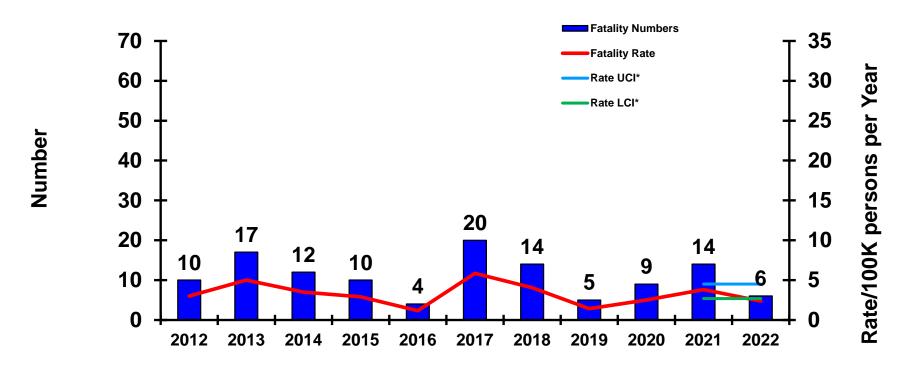
CLASS A MISHAPS/MISHAP RATE FY COMPARISON: 23/9.10 18/7.10

FY21 MISHAPS/MISHAP RATE: 26/7.07

10-YEAR AVERAGE (FY11-20) MISHAPS/MISHAP RATE: 24.70/7.11



ON-DUTY FATALITIES

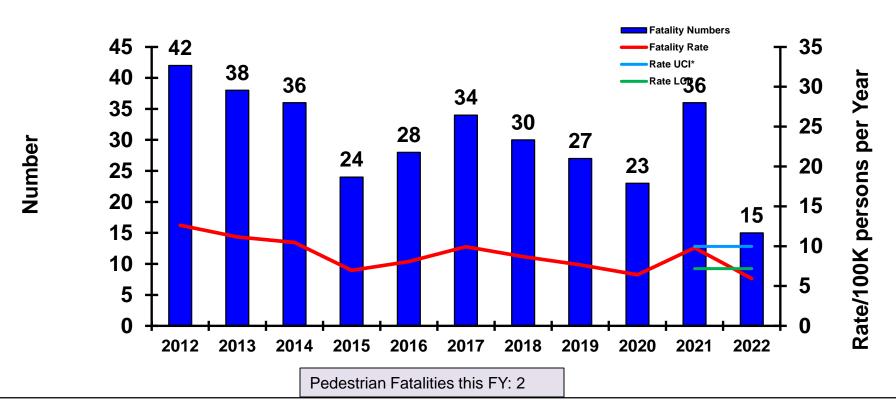


8-Jun-22 8-Jun-21
CLASS A FATALITIES/FATALITY RATE FY COMPARISON: 6/2.37 7/2.76

FY21 FATALITIES/FATALITY RATE: 14/3.81 10-YEAR AVERAGE (FY11-20) FATALITIES/FATALITY RATE: 11.50/3.32



PMV FATALITIES



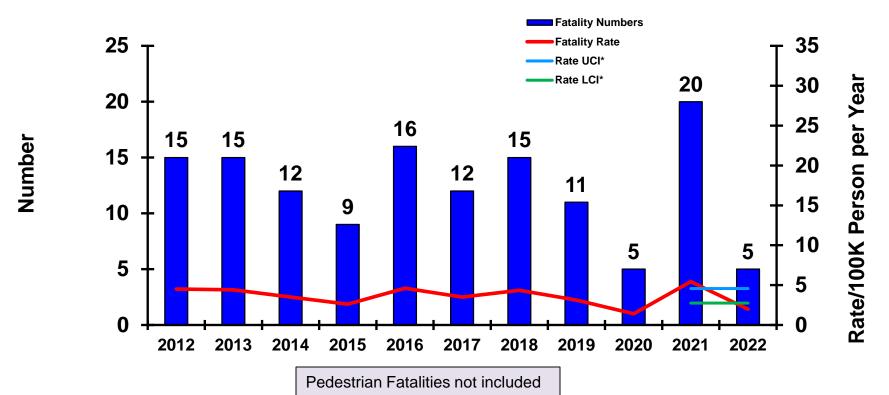
CLASS A FATALITIES/FATALITY RATE FY COMPARISON: 15/5.93 24/9.47

FY21 FATALITIES/FATALITY RATE: 36/9.79

10-YEAR AVERAGE (FY11-20) FATALITIES/FATALITY RATE: 31.80/9.17



4-WHEEL PMV FATALITIES



CLASS A FATALITIES/FATALITY RATE FY COMPARISON:

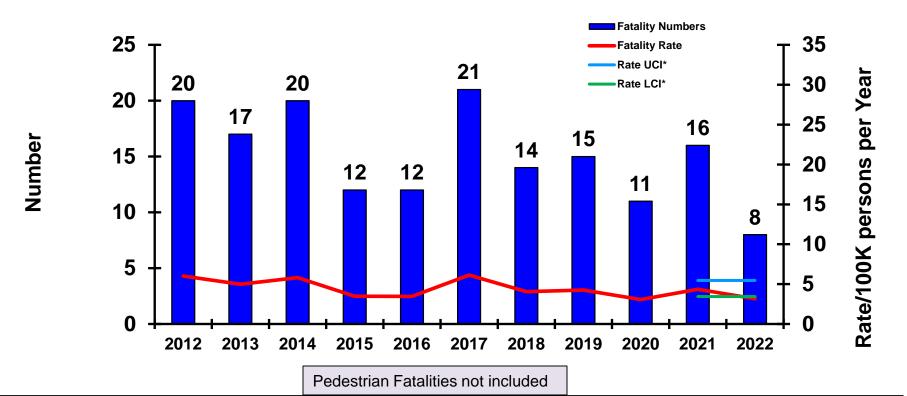
FY21 FATALITIES/FATALITY RATE:

10-YEAR AVERAGE (FY11-20) FATALITIES/FATALITY RATE:

13.00/3.74



MOTORCYCLE PMV FATALITIES



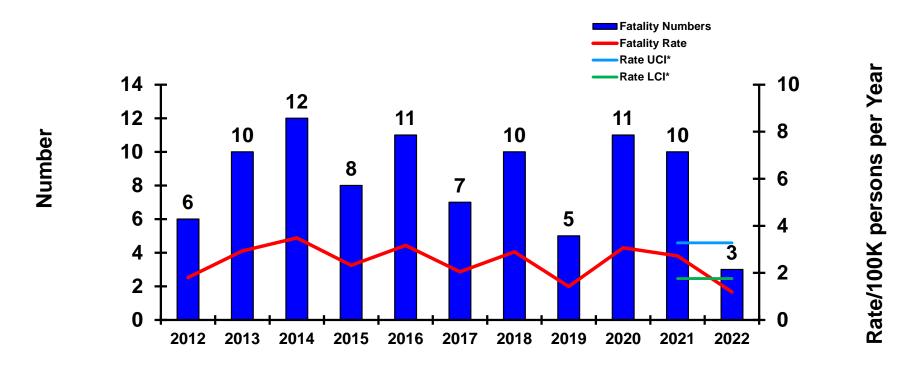
CLASS A FATALITIES/FATALITY RATE FY COMPARISON: 8/3.16 11/4.34

FY21 FATALITIES/FATALITY RATE: 16/4.35

10-YEAR AVERAGE (FY11-20) FATALITIES/FATALITY RATE: 15.80/4.56



OFF-DUTY/REC FATALITIES



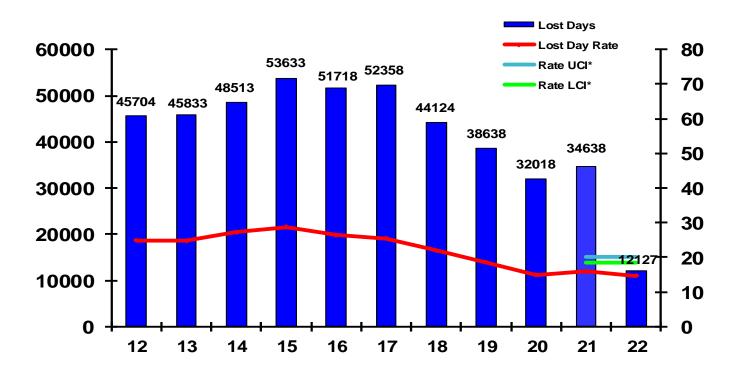
8-Jun-21 8-Jun-22 8/3.16 CLASS A FATALITIES/FATALITY RATE FY COMPARISON: 3/1.19

FY21 FATALITIES/FATALITY RATE: 10/2.72

10-YEAR AVERAGE (FY11-20) FATALITIES/FATALITY RATE: 9.00/2.59



CIVILIAN LOST WORK DAY



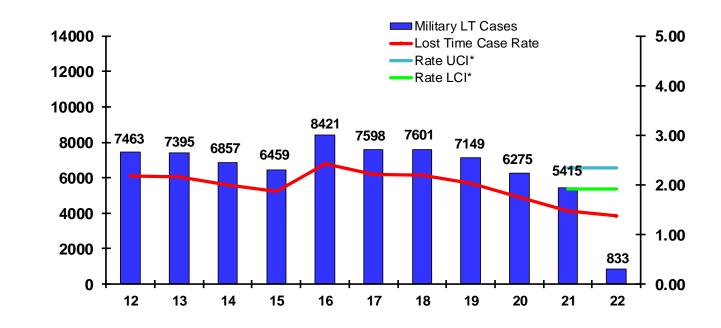
Lost Days/100 persons per Year

LOST WORK DAY FY RATE COMPARISON: 14.66
FY21 LOST WORK DAY RATE: 15.97
5-YEAR AVERAGE (FY17-21) LOST WORK DAY RATE: 19.36



Number

MILITARY LOST TIME CASE RATE



	<u>15 Jan 22</u>
LOST WORK TIME CASE RATE:	1.37
FY21 LOST TIME CASE RATE:	1.47
5-YEAR AVERAGE (FY17-21) LOST TIME CASE RATE:	1.93

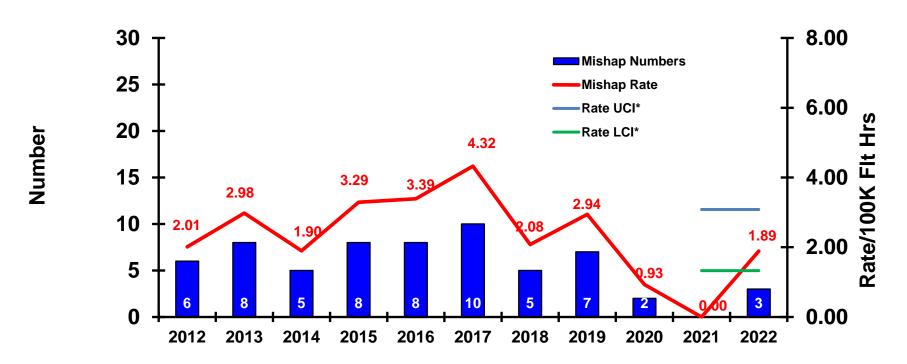
^{*}see last slide for definition of UCI/LCI

Lost Time Cases/100 persons per Year



CLASS A FLIGHT MISHAPS

Manned Aircraft Only



<u>8-Jun-22</u> <u>8-Jun-21</u>

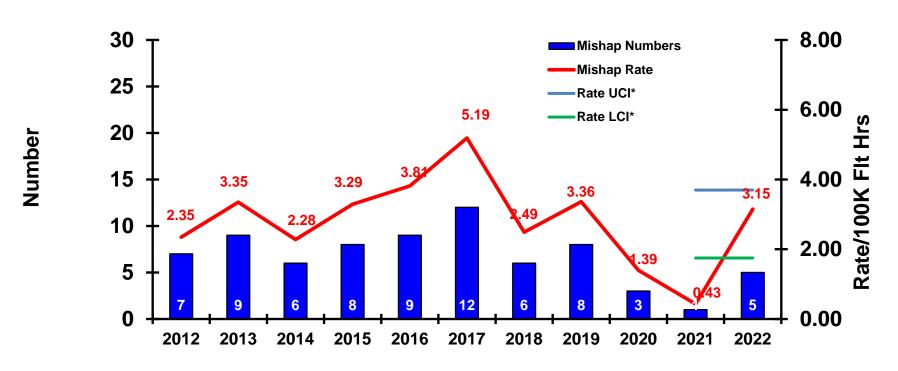
CLASS A FM/FM RATE FY COMPARISON: 3/1.89 0/0.00

FY21 MISHAPS/MISHAP RATE: 0/0.00

10-YEAR AVERAGE (FY11-20) MISHAPS/MISHAP RATE: 5.90/2.38



CLASS A AVIATION MISHAPS



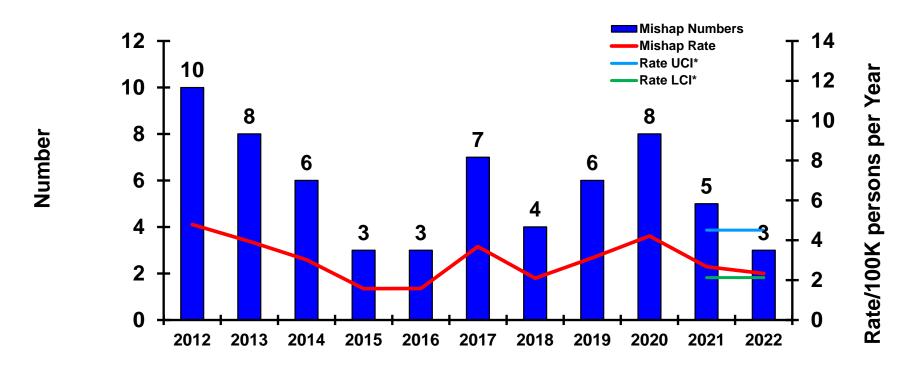
8-Jun-22 8-Jun-21
CLASS A MISHAPS/MISHAP RATE FY COMPARISON: 5/3.15 1/0.63

FY21 MISHAPS/MISHAP RATE: 1/0.43

10-YEAR AVERAGE (FY11-20) MISHAPS/MISHAP RATE: 6.90/2.79



CLASS A GROUND ON-DUTY MISHAPS

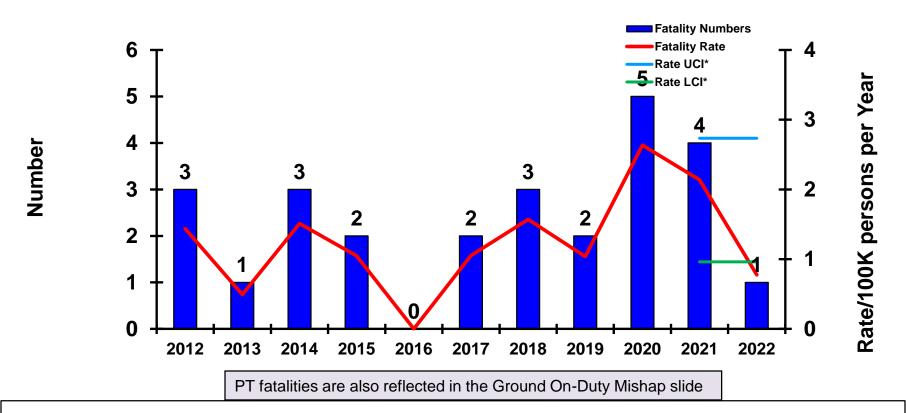


8-Jun-22 8-Jun-21
CLASS A MISHAPS/MISHAP RATE FY COMPARISON: 3/2.33 2/1.55

FY21 MISHAPS/MISHAP RATE: 5/2.67 10-YEAR AVERAGE (FY11-20) MISHAPS/MISHAP RATE: 6.00/3.07



PHYSICAL TRAINING FATALITIES



CLASS A FATALITIES/FATALITY RATE FY COMPARISON: 1/0.78 2/1.55

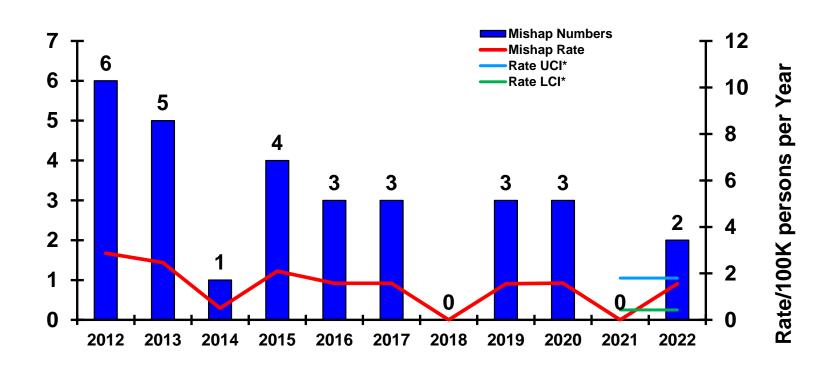
FY21 FATALITIES/FATALITY RATE: 4/2.14

10-YEAR AVERAGE (FY11-20) FATALITIES/FATALITY RATE: 2.50/1.29



Number

CLASS A ON-DUTY MV MISHAPS



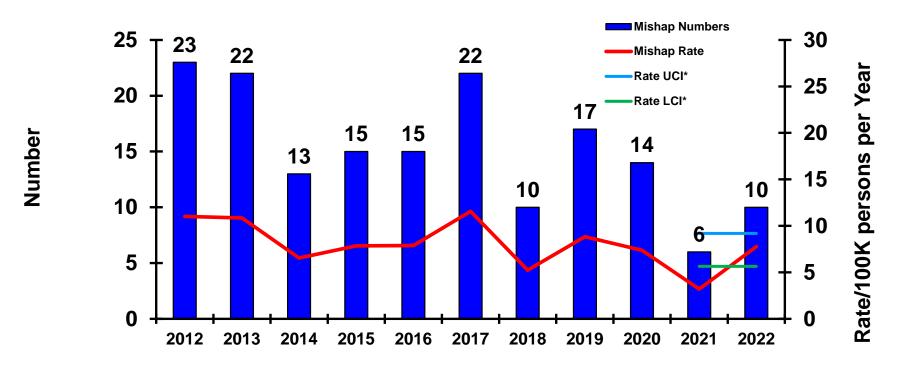
CLASS A MISHAPS/MISHAP RATE FY COMPARISON: 2/1.55 0/0.00

FY21 MISHAPS/MISHAP RATE: 0/0.00

10-YEAR AVERAGE (FY11-20) MISHAPS/MISHAP RATE: 2.80/1.42



TOTAL CLASS A ON-DUTY MISHAPS



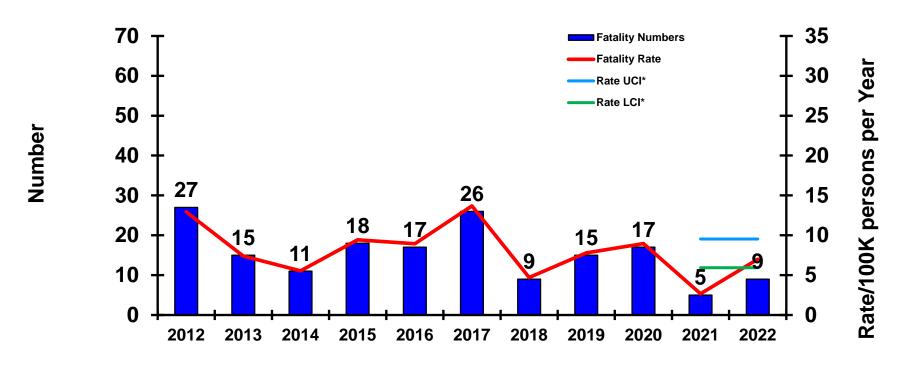
CLASS A MISHAPS/MISHAP RATE FY COMPARISON: 10/7.77 3/0.00

FY21 MISHAPS/MISHAP RATE: 6/3.21

10-YEAR AVERAGE (FY11-20) MISHAPS/MISHAP RATE: 15.70/8.04



ON-DUTY FATALITIES

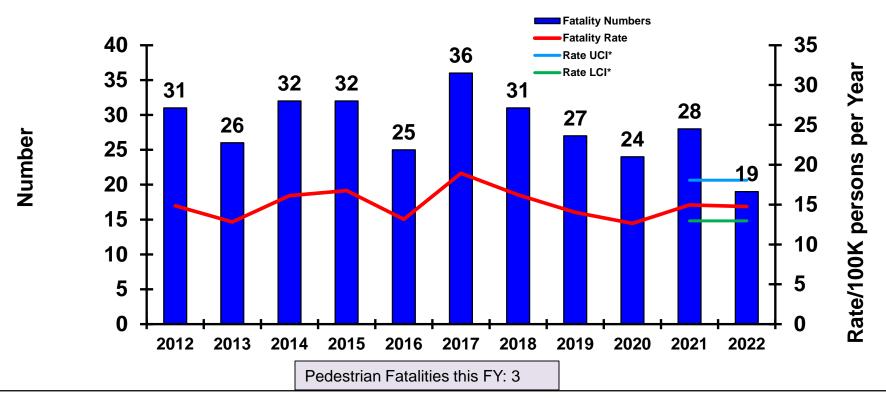


CLASS A FATALITIES/FATALITY RATE FY COMPARISON: 9/6.99 2/1.55

FY21 FATALITIES/FATALITY RATE: 5/2.67 10-YEAR AVERAGE (FY11-20) FATALITIES/FATALITY RATE: 16.00/8.20



PMV FATALITIES



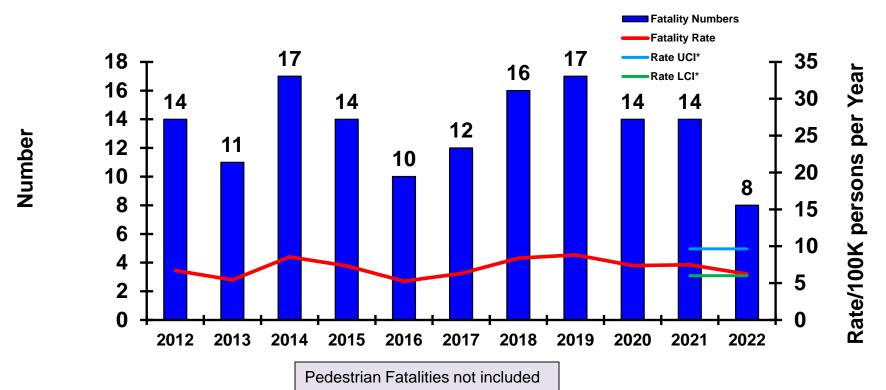
CLASS A FATALITIES/FATALITY RATE FY COMPARISON: 19/14.76 20/15.49

FY21 FATALITIES/FATALITY RATE: 28/14.96

10-YEAR AVERAGE (FY11-20) FATALITIES/FATALITY RATE: 29.20/15.05



4-WHEEL PMV FATALITIES



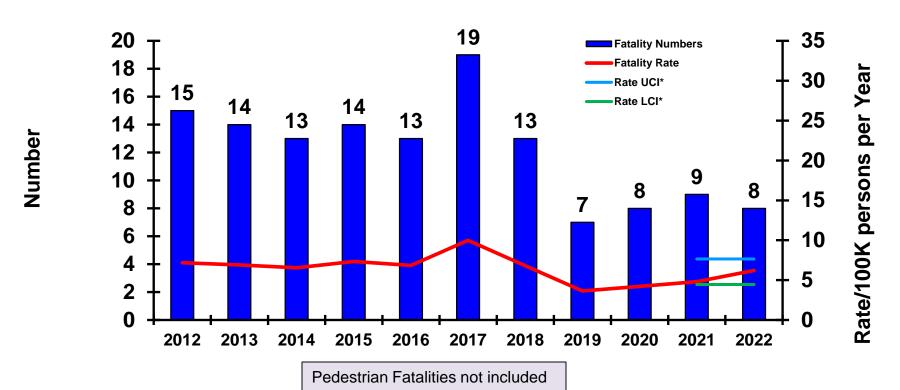
CLASS A FATALITIES/FATALITY RATE FY COMPARISON: 8/6.21 3/2.32

FY21 FATALITIES/FATALITY RATE: 14/7.48

10-YEAR AVERAGE (FY11-20) FATALITIES/FATALITY RATE: 13.90/7.17



MOTORCYCLE PMV FATALITIES



CLASS A FATALITIES/FATALITY RATE FY COMPARISON:

FY21 FATALITIES/FATALITY RATE:

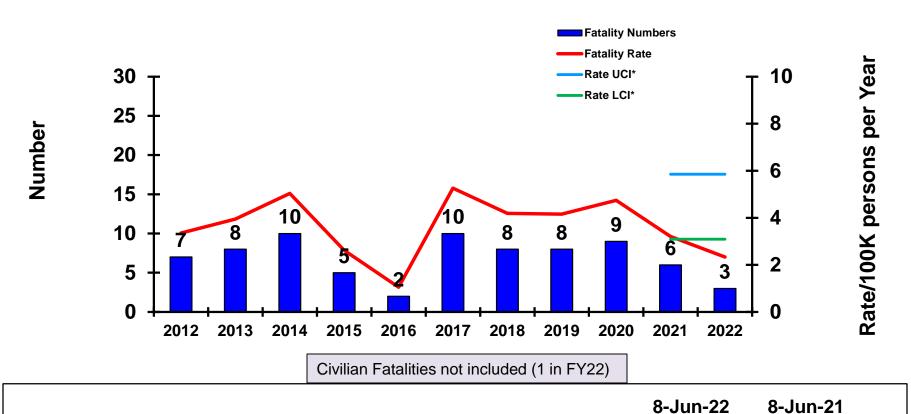
9/4.81

10-YEAR AVERAGE (FY11-20) FATALITIES/FATALITY RATE:

12.50/6.43



OFF-DUTY/REC FATALITIES



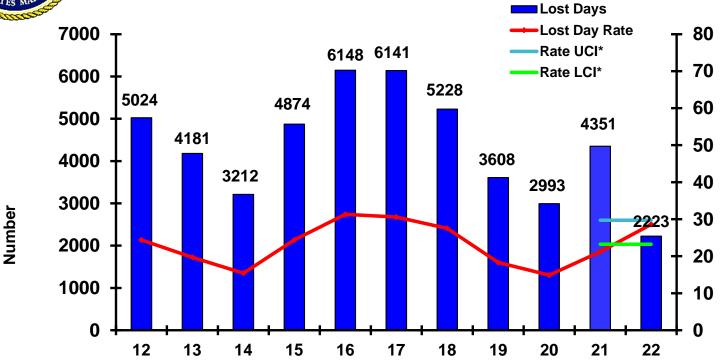
CLASS A FATALITIES/FATALITY RATE FY COMPARISON: 3/2.33 9/4.88

FY21 FATALITIES/FATALITY RATE: 6/3.21

10-YEAR AVERAGE (FY11-20) FATALITIES/FATALITY RATE: 7.30/3.76



CIVILIAN LOST WORK DAY



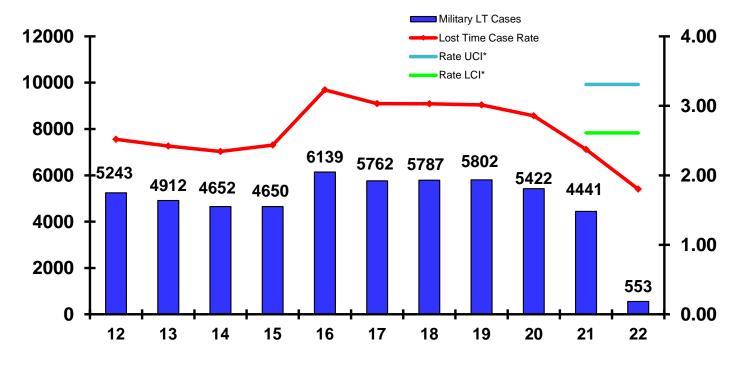
Lost Days/100 persons per Year

	<u> 15 Jan 22</u>
LOST WORK DAY FY RATE COMPARISON:	28.61
FY21 LOST WORK DAY RATE:	21.19
5-YEAR AVERAGE (FY17-21) LOST WORK DAY RATE:	22.63



Number

MILITARY LOST TIME CASE RATE



LOST WORK TIME CASE RATE: 1.80
FY21 LOST TIME CASE RATE: 2.37
5-YEAR AVERAGE (FY17-21) LOST TIME CASE RATE: 2.95

Lost Time Cases/100 persons per Year

^{*}see last slide for definition of UCI/LCI.

Navy Short Narratives

USN AVIATION CLASS A MISHAPS (includes UAS/UAV, FRMs and AGMs not included in the Flight Slide)

- 3 Jun 2022 (IVO NAWS China Lake, CA) F/A-18E crashed during training flight, one fatality.
- 1 Jun 2022 (NAS Lemoore CA) Sailor seriously injured while conducting maintenance on an F-35C.
- 23 May 2022 (IVO NAS Key West, FL) F/A-18F experienced inflight emergency, landed safely at airfield, no injury to aircrew.
- 30 Mar 2022 (IVO Wallops Island, VA) E-2D crashed, two aircrew injured, one deceased.
- 24 Jan 2022 (Location withheld OPSEC) F-35C crashed during landing, pilot ejected. No fatalities.
- 12 Jan 2022 (Smithfield, VA) MH-60S made emergency landing, no significant injuries.
- 29 Nov 2021 (Location Withheld OPSEC) F/A-18E suffered a system failure while airborne. Aircraft recovered safely, but subsequent inspections revealed suspected Class A damage to the airframe. No injuries.
- 24 Nov 2021 (Location Withheld OPSEC) Dipping sonar separated from cable during ASW exercise. Aircraft safely recovered. No injuries reported.
- 22 Nov 2021 (Location Withheld OPSEC) F/A-18E starboard engine fire in flight. The aircraft landed safely on USS Ship. No injuries reported.
- 4 Oct 2021 (IVO Death Valley National Park, CA) F/A-18F crashed in the vicinity of Death Valley National Park. Single aircrew ejected successfully with non-life threatening injuries.

USN AFLOAT CLASS A MISHAPS

- 2 Apr 2022 (Puget Sound Naval Shipyard, Bremerton, WA) Damage to sub incurred in shipyard
- 23 Mar 2022 (NAVSTA Mayport, FL) Damage to ship incurred in shipyard.
- 11 Feb 2022 (Location Withheld OPSEC). USS Ship had a main reduction gear casualty, no injuries to crew.
- 21 Jan 2022 (Location Withheld OPSEC) Ship received damage to sonar dome. No injuries to crew.
- 8 Nov 2021 (Location Withheld OPSEC) Ship SM-3 system damaged while conducting maintenance.
- 8 Oct 2021 (Location Withheld OPSEC) Ship shaft bearing damaged while underway for training.
- 2 Oct 2021 (Location Withheld OPSEC) USS Submarine allision.

USN SHORE CLASS A MISHAPS

- 3 May 2022 (Gulfport, MS) While launching a small boat, a government service employee fell in the water and drowned.
- 7 Apr 2022 (MCB Kaneohe Bay, HI) SVM found unresponsive during water-based training, died at hospital.
- 5 Apr 2022 (Brad, TX) F-35B engine received FOD damage in contractor custody.
- 7 Dec 2021 (Location Withheld OPSEC) Boat took on water while moored and sunk.
- 4 Dec 2021 (Virginia Beach, VA) SVM injured during training exercise. Succumbed to injuries on 7 Dec 2021.

Navy Short Narratives

USN PHYSICAL TRAINING CLASS A MISHAPS

4 Feb 2022 (NAB Coronado, CA) SVM died at hospital after physical training.

USN ON-DUTY MOTOR VEHICLE CLASS A MISHAPS

• 3 Jun 2022 (Jacumba, CA) SVM died in government motor vehicle.

USN PRIVATE MOTOR VEHICLE FATALITIES

- 30 May 2022 (San Diego, CA) SVM struck by vehicle while walking along freeway, died at scene.
- 24 May 2022 (Jacksonville, FL) SVM involved in motorcycle accident and died.
- 12 May 2022 (Jacksonville, FL) SVM involved in a motorcycle accident, died at hospital.
- 8 May 2022 (Jacksonville, FL) SVM involved in a motorcycle accident, died at scene.
- 18 Apr 2022 (Ventura, CA) SVM involved in a motorcycle accident, died at scene.
- 1 Apr 2022 (Beaumont, CA) SVM involved in motor vehicle accident, died on scene.
- 26 Mar 2022 (North Charleston, SC) SVM involved in a motorcycle accident, died at hospital.
- 1 Mar 2022 (New Orleans, LA) SVM struck by motor vehicle and died.
- 13 Feb 2022 (Camarillo, CA) SVM died in a motorcycle accident.
- 22 Jan 2022 (Jacksonville, FL) SVM involved in a motor vehicle accident and died.
- 28 Dec 2021 (La Porte County, IN) SVM involved in a motor vehicle accident. Deceased at scene.
- 20 Dec 2021 (Isle of Wight, VA) SVM in motor vehicle accident, deceased at scene of accident.
- 4 Oct 2021 (San Diego, CA) 2 x SVM involved in motor vehicle accident, 1 x SVM succumbed to injuries on 9 Oct 21.
- 2 Oct 2021 (San Diego, CA) SVM lost control of motorcycle, hit wall, fell and died.
- 1 Oct 2021 (Augusta, GA) SVM fell off motorcycle, hit by automobile, died at hospital.

USN OFF-DUTY/RECREATIONAL FATALITIES

- 30 May 2022 (Portsmouth, VA) SVM drowned while canoeing.
- 26 Dec 2021 (Jacksonville, FL) SVM died in a recreational plane crash.
- 12 Nov 2021 (Ridgecrest, CA) SVM perished in a private civilian aircraft.

Marine Corps Short Narratives

USMC AVIATION CLASS A MISHAPS (includes UAS/UAV, FRMs and AGMs not included in the Flight Slide)

- 18 Mar 2022 (IVO Bodo, Norway) Aircraft crashed during training flight. Four fatalities.
- 3 Mar 2022 (IVO Lobeco, SC) F/A-18D crashed shortly after takeoff. Two crewmembers ejected successfully.
- 16 Feb 2022 (MCAS Yuma, AZ) CH-53E aviation ground mishap. No injuries to aircrew.
- 27 Jan 2022 (MCAS Yuma, AZ) F-35B experienced engine damage during a post-maintenance ground turn. No injuries reported.
- 6 Jan 2022 (McGuire AFB, NJ) Aircraft crashed on final. No injuries or fatalities reported.

USMC GROUND CLASS A MISHAPS

- 29 Apr 2022 (Sneads Ferry, NC) Government Civilian involved in a motorcycle accident that resulted in permanent disability.
- 17 Apr 2022 (Pyramid Rock Beach, MCB Kanehoe Bay, HI) SVM drowned during training.
- 3 Oct 2021 (Twenty-Nine Palms, CA) SVM received gunshot wound to chest while conducting dry fire rehearsal training. Died at scene.

<u>USMC PHYSICAL TRAINING CLASS A MISHAPS</u>

2 Jun 2022 (Wilmington, NC) SVM collapsed during PFT, died at hospital.

<u>USMC ON-DUTY MOTOR VEHICLE CLASS A MISHAPS</u>

• 19 Jan 2022 (Sneads Ferry, NC). SVMs involved in a military vehicle accident. Two deceased at scene.

USMC PRIVATE MOTOR VEHICLE FATALITIES

- 28 May 2022 (Wilmington, NC) SVM involved in motorcycle accident, died from injuries on 2 Jun 2022.
- 15 May 22 (Deming, NM) SVM involved in a motorcycle accident, died at scene.
- 15 May 22 (Malibu, CA) SVM involved in a motorcycle accident, died at scene.
- 14 May 22 (Camp Foster, Japan) SVM involved in a motor vehicle accident, died at the hospital.
- 26 Mar 2022 (Carlsbad, CA). SVM involved in a motorcycle accident, died at hospital.
- 18 Mar 2022 (Murray, UT) SVM struck by vehicle while crossing street and died.
- 12 Mar 2022 (Charleston, WV) SVM in a POOLEE status involved in motor vehicle accident, died at hospital.
- 7 Mar 2022 (San Antonio, TX) SVM involved in an automobile accident, died at scene.
- 5 Feb 2022 (Greenbelt, MD) SVM was passenger in motor vehicle accident, died on scene.
- 4 Feb 2022 (Noborikawa, Japan) SVM involved in motor vehicle accident, died at the hospital.

Marine Corps Short Narratives

USMC PRIVATE MOTOR VEHICLE FATALITIES (continued)

- 4 Feb 2022 (Uruma, Japan) SVM involved in motor vehicle accident, died at the hospital.
- 30 Dec 2021 (Palm Springs, CA) SVM was riding a dirt bike off-road. The SVM attempted to cross a road, was hit by a semitruck, and died at hospital.
- 6 Dec 2021 (Oceanside, CA) While assisting a wrecked vehicle on freeway, SVM struck by another vehicle. SVM deceased.
- 5 Dec 2021 (Wilmington, NC) SVM struck by vehicle while crossing street. Deceased on 9 Dec 21.
- 4 Dec 2021 (Camp Pendleton, CA) SVM involved in motorcycle accident. Pronounced deceased at scene.
- 20 Nov 2021 (Greenville, NC) SVM involved in motorcycle accident. Deceased on 4 Dec 2021.
- 6 Nov 2021 (Chandler, AZ) SVM involved in a motorcycle accident, died at hospital.
- 5 Nov 2021 (Okinawa, Japan) SVM lost control of vehicle, admitted to hospital. Died on 17 Nov 2021.
- 26 Oct 2021 (Ramona, CA) USNR on active duty attached to USMC unit involved in a single vehicle accident. Deceased at scene.
- 17 Oct 2021 (Ponchatoula, LA) SVM died in a multi-vehicle accident.

USMC OFF-DUTY/RECREATIONAL FATALITIES

- 23 Dec 2021 (Waterfall, PA) SVM on leave, died in a house fire.
- 16 Oct 2021 (Washington, DC) SVM died on 17 October from head injury after falling down the stairs.
- 9 Oct 2021 (McCLoud, OK) SVM went swimming in a lake and drowned.



Mishap Confidence Interval



- UCI = Upper Confidence Interval
 LCI = Lower Confidence Interval
- Rate values above the UCI or below the LCI infer a <u>statistically significant change is</u> <u>probable</u>. This is only an indicator. Significance cannot be determined until endof-year.
- Values between the UCI and LCI infer that nothing significant has occurred to increase or decrease mishap rate.

(Confidence Interval is based on: Poisson Rate related to a Chi Squared Distribution and calculated using FY16-20 data except for the Lost Work Days and Lost Time Case slides which were based on a normal distribution).